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What is claimed is:

1. A method of treating an injured tissue in a human comprising:

determining a site of tissue injury in the human; and introducing a platelet-rich plasma composition into and 5 around the site of tissue injury, wherein no exogenous activator is administered to the human or added to the composition, and wherein the tissue comprises disc material.

- 2. The method of claim 1, further comprising the step of $\,$ 10 titrating the platelet-rich plasma to obtain a pH of about 7.3 to 7.5.
- 3. The method of claim 2, wherein the titration is performed using a bicarbonate buffer.
- **4**. The method of claim **1**, wherein the platelet-rich plasma 15 composition comprises platelets obtained from the human.

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